

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. / TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- TASK NO. 99124 417 AMENDMENT	442-458-10-10-89	00

TASK TITLE: (NTE 80 characters; include Project name)

SOFIA HAWC Pop-Up Detector Mechanical Processing

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

George Voellmer

DATE

10/30/00

ORG CODE

544

MAIL CODE

544

PHONE

301-286-8182

BRANCH HEAD

Willie Blanco

DATE

10/24/00

CODE

544

PHONE

301-286-3637

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lebair, Jr.

Deborah A. Clark

DATE

11/3/00

CODE

560

PHONE

301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

CONTRACTING OFFICER'S QUALITY REP

DESIGNATED FAM:

(X) NO () YES

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date:

Contractor will develop specification or statement of work under this task for a future proc (X) NO () YES

Flight hardware will be shipped to GSFC for testing prior to final del () NO () YES (X) N/A

Government Furnished Property/Facilities () NO (X) YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: () NO (X) YES If yes: (X) TOTAL () PARTIAL

If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: (X) NO () YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 11/7/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	No. 4	X No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	40%
Technical	75%	25%	50%	25%	50%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 41,143

The target fee of this task order is \$ 2,639

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 43,782

The maximum fee is \$ 3,857

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J. Becker

SIGNATURE OF CONTRACTING OFFICER

1/11/01

DATE

Theresa J. Becker

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	417	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall develop, implement, debug and process the procedures, fabrication equipment and physical processing required for the delivery of the SHARC and HAWC Pop-Up Bolometers. This activity involves primarily the operations generally called "folding" and "stacking" of the Bolometer elements. "Folding" is the process by which the planar silicon bolometer elements are bonded to, and subsequent bent around, ceramic bus bars. "Stacking" is the process by which the folded elements, ceramic fanout boards, and polyimide thermal bridges are adhered and wirebonded such that a close-packed two-dimensional array of bolometer elements is produced.

Support of this SOW requires utilization of GSFC laboratories containing the necessary physical processing equipment.

During the work prescribed in this SOW, the contractor shall train GSFC civil servant technicians, as identified by the ATR, to become skilled in the task. It is to be understood that should the project milestone/deliverable dates slip beyond the task end date, the GSFC civil servants will be sufficiently trained to complete the activities prescribed in this SOW.

PERFORMANCE SPECIFICATIONS:

Performance specifications supplied by Assistant Technical Representative (ATR), traceable back to HAWC Project Implementation Plan (PIP) subsystem requirements.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

None

TASK END DATE: 3/31/01**MILESTONES/DELIVERABLES AND DATES:**

- | | |
|---------------------------------------------------------------|----------------------------|
| 1. Delivery of SHARC "folded" Pop-Up Detector Elements | 2/28/01 |
| 2. Delivery of SHARC "stacked" Pop-Up Detector Final Assembly | 3/6/01 |
| 3. Delivery of HAWC "folded" Pop-Up Detector Elements | 3/20/01 |
| 4. Technical Progress Report | Monthly, 15th of the month |

PERFORMANCE STANDARDS:

- | | |
|------------|------------------------------------------------------------|
| Schedule: | On-time delivery/completion of the deliverables/milestones |
| Technical: | ATR's acceptance of the above |

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

George Voellmer, building 21, room 0041